

000000" 8/26/96

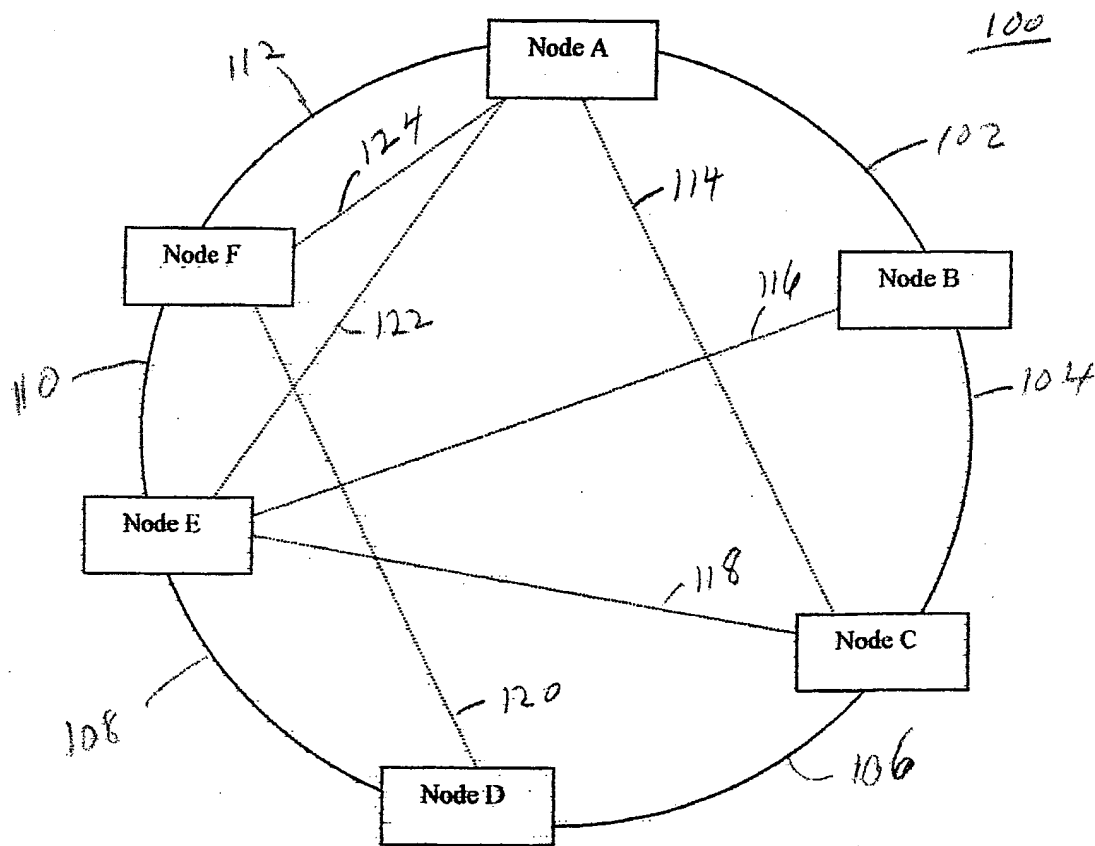


FIGURE 1

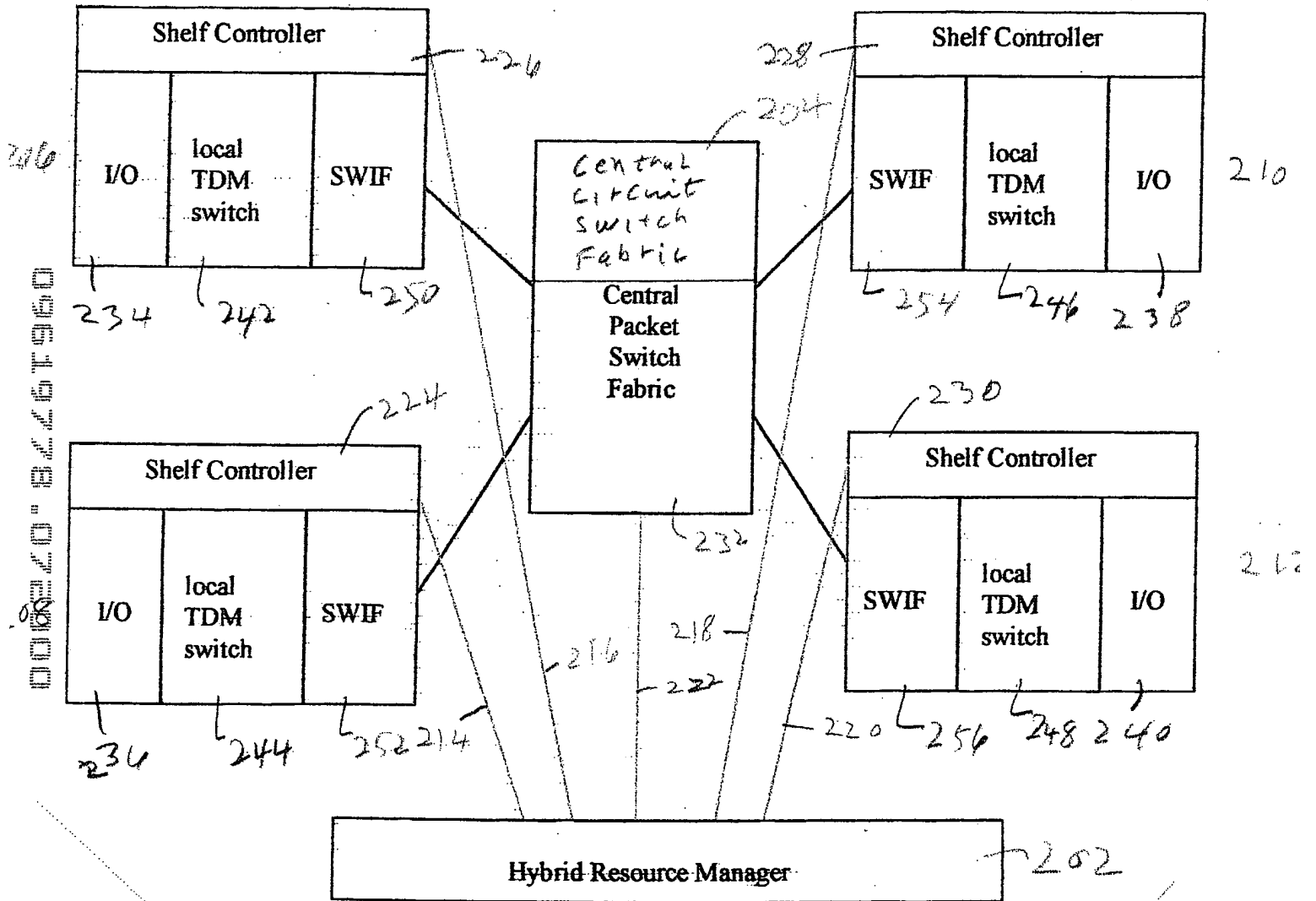


FIGURE 2

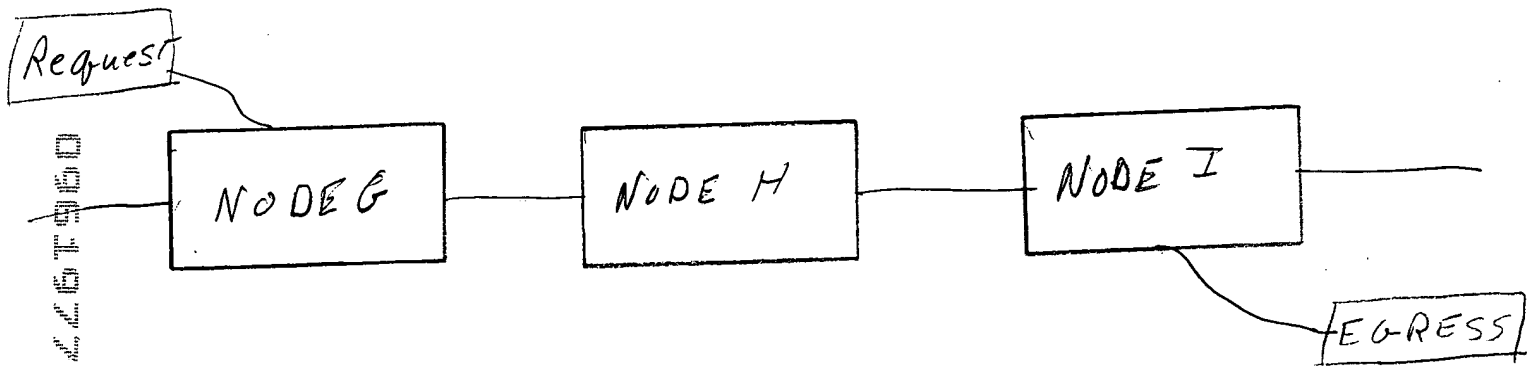


FIGURE 3

```

graph TD
    400([BEGIN 400]) --> 402{Original?}
    402 -- Y --> 406{Ingress bandwidth sufficient*?}
    402 -- N --> 404{Free ingress entry?}
    406 -- N --> Deny1[Deny request]
    406 -- Y --> 412{Is this node final destination?}
    412 -- Y --> 414[Update & Accept]
    412 -- N --> 416[Compute the egress link and look up the corresponding resource table]
    416 --> 418{Found the right entry?}
    418 -- Y --> 420{Bandwidth sufficient?}
    418 -- N --> 424{Any free switch entry?}
    420 -- Y --> 422[Update & Accept]
    420 -- N --> 424
    424 -- Y --> 428[Mark CAC request and forward to next]
    424 -- N --> Deny1
    428 --> 430{Get response}
    430 -- Y --> 432[Update & Accept]
    430 -- N --> Deny1
    432 --> 410([END 410])
    404 -- Y --> 436{Is this node final destination?}
    404 -- N --> 434[Return No]
    436 -- Y --> 438[Update & Return Yes]
    436 -- N --> 440{Free egress entry?}
    440 -- Y --> 444[Forward marked CAC request to next node]
    440 -- N --> 442[Return No]
    444 --> 446{Get response}
    446 -- Y --> 450[Update & Return Yes]
    446 -- N --> 448[Return No]
    450 --> 410
    434 --> 410
    438 --> 410
    442 --> 410
    448 --> 410

```

FIGURE 4

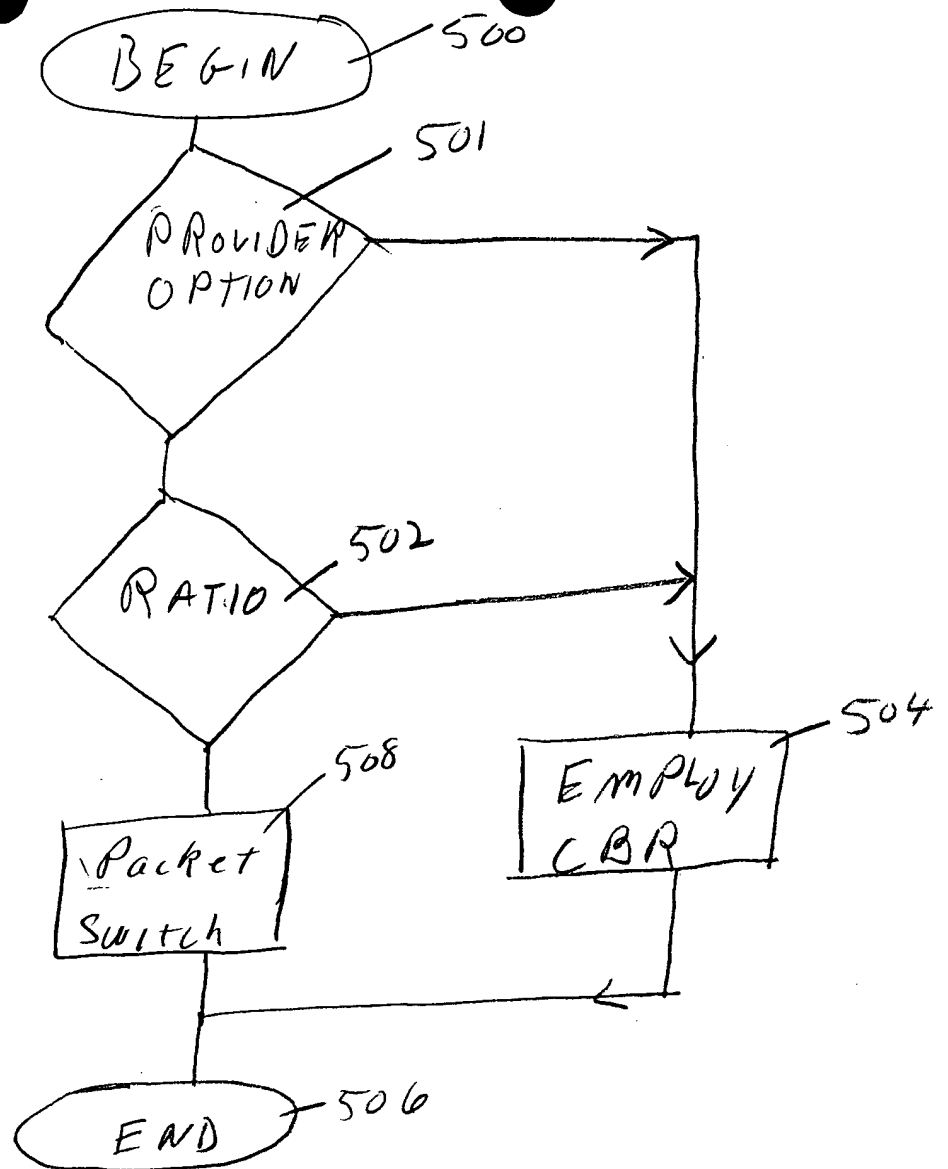


FIGURE 5